OOK

| adth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|
| | | | |

MBR-142
31-5-14

SBR No. - 95/14-15
Dt. 31-5-2014

**M.A.R. 57 (Rule 116)**

Measurement Book

No. A/10 195475

Serial No. 1st and Part Bill

Name of work Prop. to drain, chainlink fencing and construction of Gallery From To

Name of Contractor of nature of Agency KRIDL to play ground at BEL 4th Block

Date of commencement of work D.O. Record 30/05/2014 near Ganesh Temple in Ward-09

| Date 1 | Full description, etc, of work 2 | Dimensions Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | Estimated cost Rs. 55.00 Lakh | | | | | | |
| | DDB. No - 009-14-000059 | | | | | | |
| | Work order No - EE/BTP/KRIDL/WO/637/2013-14 Dt. 5/3/2014 | | | | | | |
| (1) | Dismantling size stone masonry in cement mortar and stacking the size stone within a radius of 50 m and removing the debris to a distance upto 200 mt all complete as per specifications and directions of Engineer in-charge of the work. | | | | | | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | | Qty as per MB p.no 195472 | | | | |
| | | | At no. (1) : 172.89 $y^3$ | | | | |
| | | | | | | @ 133.56/y | 23079.00 |
| (2) | Earthwork Excavations for foundations of buildings, Water supply, sanitary lines and electrical conduits either in pits or in trenches, stacking the excavated earth clear from edges of excavation with lead upto 50m all complete as per specifications and directions of Engineer in-charge of the work. | | | | | | |
| | | | Qty as per MB p.no 195473 | | | | 19403.00 (CTF) |
| | | | At no. (2) : 130.28 $y^3$ | | | @ 148.93/y | |
| 3) | Providing and laying in position plain cement concrete of | | | | | | |

M.A

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Num |
|---|---|---|
| 1 | 2 | 3 |
| | max size 7.5 with ope down size graded g 0.892 $y^3$ and base as Concrete laid in layer compacted in foundation material, labour, water as per specifications as the work. | |

OK

| Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|
| mB p.no | 195472 | |
| : 172.80 y³ | | |
| e 133.56/- | | 23079.00 |
| of buildings, Waters | | |
| ondwise either in | | |
| ated dry clean | | |
| ps from all | | |
| directions of Engrs | | |
| | | (CTF) |
| mB p.no 195473 | | 19403.00 |
| : 130.28 y³ e 148.93/- | | |
| ement concrete of | | |

# M.A.R. 57 (Rule 116)

Measurement Book No. A/10 195476

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date 1 | Full description, etc, of work 2 | Dimensions | | | | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | | Number 3 | Length 4 | Breadth 5 | Depth 6 | | |
| | Mix M 7.5 with ope Cement at 280 kg with 40 mm nom down size graded granite metal coarse aggregate @ 0.892 y³ and fine aggregate @ 0.57 y³, machine mixed. Concrete laid in layers not exceeding 150 mm thick, well compacted in foundations and plinth, including curing all materials, labour, use of machinery, curing all complete as per specifications and directions of Engineer-in-charge of the work. | | | | | | |
| | Carry forward this mB. page 195473 | | | | | | 261063.00 |

# (3) : 61.99 y³ e 4211.38/- CF

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 4) | Providy and constructing granite/trap/basalt size stone many in basement with cement mortar 1:4 Edge of stone chisle dressed in courses not less than 15 cms high, bond stone at 2m apart in each course including costing materials, labour, curing all complete as per Specifications and directions of engineer-in-charge of work. | | | | | | |
| | With Available stones | | | | | | |
| | SWD-Wall 1st step | 2 nos | 30.00 | 0.75 | 0.75 | 33.75 | |
| | —"— | 2 nos | 30.00 | 0.75 | 0.75 | 33.75 | |
| | —"— | 2 nos | 25.00 | 0.75 | 0.75 | 28.12 | |
| | 4/sway 2nd step | 1 no | 6.90 | 0.60 | 1.35 | 5.59 | |
| | | | | | | 101.24 m³ | |
| | | | | | @ | 3936.84/m³ | 398448.00 |
| 5) | Providy and constructing granite/trap/basalt size | | | | | | |

Serial No.....

Name of work.....

Name of Contractor of nature of Agen

Date of commencement of work.....

| Date | Full description, etc, of work |
|---|---|
| 1 | 2 |
| | Stone many in b |
| | Chisle dressed |
| | bond stone at 2m |
| | of materials, L |
| | Cations and dir |
| a) | SWD-wall 4/s wa |
| | R/s wa |
| (b) | for fencing foot sta |

OK

| h | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|
| ) | | basalt/ Size | |
| ast | | mortar 1:4 Edg | |
| s | | not less than 15 | |
| in | | Each course | |
| | | all Complete as | |
| | | rks in-charge of | |
| | 0.75 | 33.75 | |
| | 0.75 | 33.75 | |
| 5 | 0.75 | 28.12 | |
| | 1.35 | 5.59 | |
| | | 101.21 m³ | |
| | C | 3936.84/m³ | 398448.00 |
| | | basalt Size | |

# M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 195477

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date 1 | Full description, etc, of work 2 | Dimensions: Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | Stone masonry in basement with C.M 1:6, Edges of stone Chisele dressed in courses not less than 15cms high bond stones at 2m apart in each course including cost of materials, Labour, curing etc complete as per specifications and directions of Engineer in charge of the work. | | | | | | |
| a) | SWD-wall | 1×2 | 30.00 | 0.60 | 1.35 = | 48.60 | |
| | | 1×1 | 18.10 | 0.60 | 1.35 = | 14.66 | |
| | RS wall | 2×1 | 30.00 | 0.60 | 1.35 = | 48.60 | |
| | | 1×1 | 25.00 | 0.60 | 1.35 = | 20.25 | |
| (b) | for fencing front wall | 1 | 30.00 | 0.60 | 0.60 = | 10.80 | |
| | | 1 | 18.70 | 0.60 | 0.60 = | 6.72 | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | 2 nos | 30.00 | 0.60 | 0.60 | 21.60 | |
| | | 1 nos | 6.20 | 0.60 | 0.60 | 2.23 | |
| | | 1 | 9.40 | 0.45 | 0.60 | 2.54 | |
| | | | | | | 136.01 m³ | |
| | | | | | | @ 5208.84/m³ = 9,15,808.00 | |
| | (5) Providing and laying in position plain cement concrete of mix M-15 with one cement : 2 coleys, with 20mm and down size graded granite metal coarse aggregate @ 0.878 m³ and fine aggregate @ 0.459 m³ machine mixed, concrete laid in layers not exceeding 15 cms, thickness well compacted, in foundation and plinth, including costing all materials, labour, hiring of machinery, curing etc complete as per specification and direction of Engineer-in-charge of the work. | | | | | | |

30/1/2014

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Numbe |
|---|---|---|
| 1 | 2 | 3 |
| | for SWD drain near SWD - coping for fixing pole of fencing | 2 nos 1 nos 2 nos 1 nos 4 |
| (7) | Providing flush pointing in course of stone ma | |

| Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|
| 0.60 = | 21.60 | |
| 0.60 = | 2.25 | |
| .60 = | 2.54 | |
| | 136.01 m³ | |
| @ | 5208.84 m³ = 91,808.00 | |
| with concrete of | | |
| with 20mm and | | |
| aggregate @ | | |
| machine mixed, | | |
| ons, thick wet | | |
| ually costing | | |
| curing etc complete | | |
| ge-in-charge | | |

# M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 195478

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date 1 | Full description, etc, of work 2 | Dimensions | | | | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | | Number 3 | Length 4 | Breadth 5 | Depth 6 | | |
| | for SWD drain wall | 2 nos | 30.00 | 1.90 | 0.15 = | 17.10 | |
| | | 1 no | 25.00 | 1.90 | 0.15 = | 4.12 | |
| | SWD - coping | 2 nos | 30.00 | 0.60 | 0.10 = | 3.60 | |
| | | 1 no | 25.00 | 0.60 | 0.10 = | 1.50 | |
| | for fixing pole of fencing | 45 | 0.45 | 0.45 | 0.40 = | 3.65 | |
| | | | | | | 32.97 m³ | |
| | | | 30 \| 3 \| 14. | | @ | 4190.58 m³ | |
| | | | | | | | 154,646.00 |
| (7) | providing flush pointing to Square rubble coursed stone masonry with c.m 1:3, | | | | 20mm | deep, | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | after taking joints to depths of 20 mm nreedy lining, including cost of material, labour, curing etc complete as per specifications and direction of Engineer in-charge of the work. | | | | | | |
| | Rly | 2×2 | 30.00 | - | 2.10 | 252.00 | |
| | | 2×1 | 25.00 | - | 2.10 | 105.00 | |
| | | | | | | 357.00 m² | |
| | | | | | | @ 78.44 | 28003.00 |
| (8) | Providing and laying cement concrete using 20 mm and down size granite coarse aggregate and fine aggregate of ready mixed concrete for RCC works laid in 15cms thick layer and well compacted by using vibrating curing etc, including smooth finish in cm 1:3 with all leads and lifts etc complete, Road Instead | | | | | | |

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.

Date of commencement of work.....

| Date | Full description, etc, of work |
|---|---|
| 1 | 2 |
| | Cement concrete and Roof slab m fix. Colums fabr |
| (9) | Providing Thin straighty, cutt |

BOOK

| ons | | Contents | Reference to last Measurement |
|---|---|---|---|
| Breadth 5 | Depth 6 | 7 | 8 |
| ...lums ...ready ...ling, | | | |
| ...s cum...ell Comple... | | | |
| ...y Engineer in-charge | | | |
| - | 2.10 × 252.00 | | |
| - | 2.10 × 105.00 | | |
| | 357.00 | | |
| | @ 78.44/y² | 28003.00 | |
| ...rete using 20 mm and | | | |
| ...ths of fine aggregate | | | |
| ...e works laid in | | | |
| ...mplaced in cleaned | | | |
| ...ooth finish in cm 1:3 | | | |
| ...plete. Reed instead | | | |

**M.A.R. 57 (Rule 116)**

Measurement Book No. A/10 195479

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date 1 | Full description, etc, of work 2 | Dimensions | | | | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | | Number 3 | Length 4 | Breadth 5 | Depth 6 | | |
| | Cement concrete for Beams, Columns, Staircase and Roof with M-20 Concrete - 320 kg/m³ | | | | | | |
| | for Columns | 27 | 1.20 | 1.20 | 0.45 × | 17.50 | |
| | | 27 | 0.35 | 0.35 | 2.10 × | 6.95 | |
| | | | | | | 24.44 m³ | |
| | | | | | @ 6348.34/m³ | | 155165.00 |
| (9) | Providing Thermo steel reinforcement for RCC works including straightening, cutting, bending, hooking, placing in position | | | | | | |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | lapping and or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design, cost of material, labour, hire of machinery complete as per specification. | | | | | | |
| | Providing and removing, centering, shuttering, strutting propping etc at removal of form work for columns, pillars, piers, posts and struts, circular or curved in plan including cutting all material, | | | | | | |

Carried to M.B. p. 19547

It no. (5) = 24.440 Cu

@ ~~6348.35~~/- ~~155165.00~~

@ 7244.00/- 177057.00

C&F

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date | Full description, etc, of work | Nu |
|---|---|---|
| 1 | 2 | |
| | labour, Complete as per Engineer-in-charge- | |

OK

| Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|
| ...wired, tying | | |
| ...e adjoining members | | |
| ...design, cost of | | |
| ...complete ops | | |
| ...in MB. p. 195477 | | |
| ...(5) - 24.44 Qty. | | |
| | @ ~~6948.34~~/m² | ~~155165.00~~ |
| | @ 7244.04 | 177057.01 |
| ...shutter, strutting | | C&Fc |
| ...form work for | | |
| ...struts, cycling | | |
| ...of all material, | | |

# M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 195480

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

| Date 1 | Full description, etc, of work 2 | Dimensions: Number 3 | Length 4 | Breadth 5 | Depth 6 | Contents 7 | Reference to last Measurement 8 |
|---|---|---|---|---|---|---|---|
| | Labour, Complete as per specification & drawing Engineer-in-charge of work. | | | | | | |
| | Qty as per MB. p. no. 195474 | | | | | | C&Fc |
| | It no. (4). | | | | 132.24 m² @ 836.34/m² | | 1105398.00 |
| | | | | | Total B | 22,41,935.00 | |
| | Add 11% IC&PSD Service Chgs | | | | | | 246612.85 |
| | Add 1% third party inspection Chgs | | | | | | 22,419.35 |

# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | | | | | Total R. | 25,10,965.35 |
| | | | | | | | 24,88,548 |

Certificate

(1) Certified that the above work done satisfactorily.

(2) The contractor has removed the debris from work site.

(3) There is no any stock materials issued to contractor.

30/05/2014

30/05/14

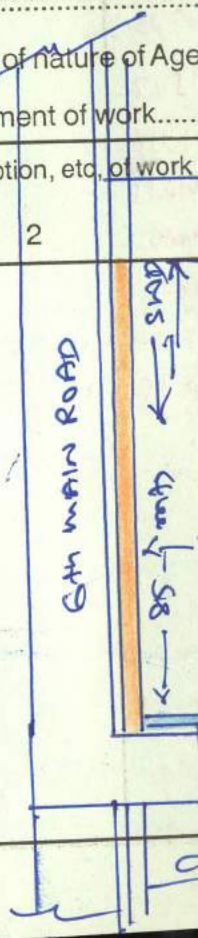
Serial No.....

Name of work.....

Name of Contractor of nature of Age

Date of commencement of work.....

| Date | Full description, etc, of work |
|---|---|
| 1 | 2 |



# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | 2488548=00 | | | IT- | 49731- | | |
| | 379547=00 | | | VAT- | 99542- | | |
| | | | | ED | 161756- | | |
| | 2109001=00 | | | CR | 24885- | | |
| | | | | CSF | 2489- | | |
| | | | | Roy | 41104- | | |
| | | | | | Total 379547=00 | | |

Serial No. 2nd and fin

Name of work. Comp

Name of Contractor of nature

Date of commencement of wo

| Date | Full description, etc, of |
|---|---|
| 1 | 2 |
| | Estimate / |
| | DB. NO |
| | Work order NO |
| (1) | Earthwork |
| | including |
| | average |
| | and |